

§ 635.21 Gear operation and deployment restrictions.

(a) *All Atlantic HMS fishing gears.* (1) An Atlantic HMS harvested from its management unit that is not retained must be released in a manner that will ensure maximum probability of survival, but without removing the fish from the water.

(2) If a billfish is caught by a hook and not retained, the fish must be released by cutting the line near the hook or by using a dehooking device, in either case without removing the fish from the water.

(3) All vessels that have pelagic or bottom longline gear onboard and that have been issued, or are required to have, a limited access swordfish, shark, or tuna longline category permit for use in the Atlantic Ocean including the Caribbean Sea and the Gulf of Mexico must possess inside the wheelhouse the document provided by NMFS entitled "Careful Release Protocols for Sea Turtle Release with Minimal Injury," and must also post inside the wheelhouse the sea turtle handling and release guidelines provided by NMFS.

(4) *Area closures for all Atlantic HMS fishing gears.* (i) No person may fish for, catch, possess, or retain any Atlantic highly migratory species or anchor a fishing vessel that has been issued a permit or is required to be permitted under this part, in the areas designated at § 622.34(d) of this chapter.

(ii) From November through April of each year until June 16, 2010, no vessel issued, or required to be issued, a permit under this part may fish or deploy any type of fishing gear in the Madison-Swanson closed area or the Steamboat Lumps closed area, as defined in § 635.2.

(iii) From May through October of each year until June 16, 2010, no vessel issued, or required to be issued, a permit under this part may fish or deploy any type of fishing gear in the Madison-Swanson or the Steamboat Lumps closed areas except for surface trolling, as specified below under paragraph (a)(4)(iv) of this section.

(iv) For the purposes of paragraph (a)(4)(iii) of this section, surface trolling is defined as fishing with lines trailing behind a vessel which is in constant motion at speeds in excess of four

knots with a visible wake. Such trolling may not involve the use of down riggers, wire lines, planers, or similar devices.

(b) *General.* No person may fish for, catch, possess, or retain any Atlantic HMS with gears other than the primary gears specifically authorized in this part. Consistent with paragraphs (a)(1) and (a)(2) of this section, secondary gears may be used at boat side to aid and assist in subduing, or bringing on board a vessel, Atlantic HMS that have first been caught or captured using primary gears. For purposes of this part, secondary gears include, but are not limited to, dart harpoons, gaffs, flying gaffs, tail ropes, etc. Secondary gears may not be used to capture, or attempt to capture, free-swimming or undersized HMS. Except as specified in this paragraph (b), a vessel using or having onboard in the Atlantic Ocean any unauthorized gear may not possess an Atlantic HMS on board.

(c) *Pelagic longlines.* For purposes of this part, a vessel is considered to have pelagic longline gear on board when a power-operated longline hauler, a mainline, floats capable of supporting the mainline, and leaders (gangions) with hooks are on board. Removal of any one of these elements constitutes removal of pelagic longline gear. If a vessel issued a permit under this part is in a closed area designated under paragraph (c)(2) of this section with pelagic longline gear on board, it is a rebuttable presumption that fish on board such vessel were taken with pelagic longline gear in the closed area.

(1) If a vessel issued or required to be issued a permit under this part is in a closed area designated under paragraph (c)(2) of this section and has bottom longline gear onboard, the vessel may not, at any time, possess or land any pelagic species listed in table 2 of appendix A to this part in excess of 5 percent, by weight, of the total weight of pelagic and demersal species possessed or landed, that are listed in tables 2 and 3 of appendix A to this part.

(2) If pelagic longline gear is on board a vessel issued a permit under this part, persons aboard that vessel may not fish or deploy any type of fishing gear in:

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(i) The Northeastern United States closed area from June 1 through June 30 each calendar year;

(ii) In the Charleston Bump closed area from February 1 through April 30 each calendar year;

(iii) In the East Florida Coast closed area at any time;

(iv) In the Desoto Canyon closed area at any time;

(v) In the Northeast Distant gear restricted area at any time, unless persons onboard the vessel comply with the following:

(A) The vessel is limited, at all times, to possessing onboard and/or using only 18/0 or larger circle hooks with an offset not to exceed 10°. The outer diameter of the hook at its widest point must be no smaller than 2.16 inches (55 mm) when measured with the eye of the hook on the vertical axis (y-axis) and perpendicular to the horizontal axis (x-axis), and the distance between the hook point and the shank (*i.e.*, the gap) must be no larger than 1.13 inches (28.8 mm). The allowable offset is measured from the barbed end of the hook, and is relative to the parallel plane of the eyed-end, or shank, of the hook when laid on its side. The only allowable offset circle hooks are those that are offset by the hook manufacturer; and,

(B) The vessel is limited, at all times, to possessing onboard and/or using only whole Atlantic mackerel and/or squid bait; and,

(C) Vessels must possess, inside the wheelhouse, a document provided by NMFS entitled, “Careful Release Protocols for Sea Turtle Release with Minimal Injury,” and must post, inside the wheelhouse, sea turtle handling and release guidelines provided by NMFS; and,

(D) Required sea turtle bycatch mitigation gear, which NMFS has approved under paragraph (c)(5)(iv) of this section, on the initial list of “NMFS-Approved Models For Equipment Needed For The Careful Release of Sea Turtles Caught In Hook And Line Fisheries,” must be carried on board, and must be used in accordance with the handling requirements specified in paragraphs (c)(2)(v)(E) - (G) of this section; and,

(E) Sea turtle bycatch mitigation gear, specified in paragraph (c)(2)(v)(D)

of this section, must be used to disengage any hooked or entangled sea turtles that cannot be brought on board, and to facilitate access, safe handling, disentanglement, and hook removal or hook cutting of sea turtles that can be brought on board, where feasible. Sea turtles must be handled, and bycatch mitigation gear must be used, in accordance with the careful release protocols and handling/release guidelines specified in paragraph (c)(2)(v)(C) of this section, and in accordance with the onboard handling and resuscitation requirements specified in § 223.206(d)(1).

(F) *Boated turtles.* When practicable, active and comatose sea turtles must be brought on board, with a minimum of injury, using a dipnet approved on the initial list specified in paragraph (c)(2)(v)(D) of this section. All turtles less than 3 ft (.91 m) carapace length should be boated, if sea conditions permit. A boated turtle should be placed on a standard automobile tire, or cushioned surface, in an upright orientation to immobilize it and facilitate gear removal. Then, it should be determined if the hook can be removed without causing further injury. All externally embedded hooks should be removed, unless hook removal would result in further injury to the turtle. No attempt to remove a hook should be made if the hook has been swallowed and the insertion point is not visible, or if it is determined that removal would result in further injury. If a hook cannot be removed, as much line as possible should be removed from the turtle using approved monofilament line cutters from the initial list specified in paragraph (c)(2)(v)(D) of this section, and the hook should be cut as close as possible to the insertion point before releasing the turtle using bolt cutters from that list. If a hook can be removed, an effective technique may be to cut off either the barb, or the eye, of the hook using bolt cutters, and then to slide the hook out. When the hook is visible in the front of the mouth, an approved mouth-opener from the initial list specified in paragraph (c)(2)(v)(D) of this section may facilitate opening the turtle’s mouth, and an approved gag from that list may facilitate keeping the mouth open. Short-handled

dehookers for ingested hooks, long-nose pliers, or needle-nose pliers from the initial list specified in paragraph (c)(2)(v)(D) of this section should be used to remove visible hooks from the mouth that have not been swallowed on boated turtles, as appropriate. As much gear as possible must be removed from the turtle without causing further injury prior to its release. Refer to the careful release protocols and handling/release guidelines required in paragraph (c)(2)(v)(C) of this section, and the handling and resuscitation requirements specified in § 223.206(d)(1) of this title, for additional information.

(G) *Non-boated turtles.* If a sea turtle is too large, or hooked in a manner that precludes safe boating without causing further damage or injury to the turtle, sea turtle bycatch mitigation gear, specified in paragraph (c)(2)(v)(D) of this section, must be used to disentangle sea turtles from fishing gear and disengage any hooks, or to clip the line and remove as much line as possible from a hook that cannot be removed, prior to releasing the turtle, in accordance with the protocols specified in paragraph (c)(2)(v)(C) of this section. Non-boated turtles should be brought close to the boat and provided with time to calm down. Then, it must be determined whether or not the hook can be removed without causing further injury. All externally embedded hooks must be removed, unless hook removal would result in further injury to the turtle. No attempt should be made to remove a hook if it has been swallowed, or if it is determined that removal would result in further injury. If the hook cannot be removed and/or if the animal is entangled, as much line as possible must be removed prior to release, using an approved line cutter from the initial list specified in paragraph (c)(2)(v)(D) of this section. If the hook can be removed, it must be removed using a long-handled dehooker from the initial list specified in paragraph (c)(2)(v)(D) of this section. Without causing further injury, as much gear as possible must be removed from the turtle prior to its release. Refer to the careful release protocols and handling/release guidelines required in paragraph (c)(2)(v)(C) of this section, and the han-

dling and resuscitation requirements specified in § 223.206(d)(1) of this title, for additional information.

(3) When a marine mammal or sea turtle is hooked or entangled by pelagic longline gear, the operator of the vessel must immediately release the animal, retrieve the pelagic longline gear, and move at least 1 nm (2 km) from the location of the incident before resuming fishing. Reports of marine mammal entanglements must be submitted to NMFS consistent with regulations in § 229.6 of this title.

(4) In the Gulf of Mexico: pelagic longline gear may not be fished or deployed from a vessel issued a permit under this part with live bait affixed to the hooks; and, a person aboard a vessel issued a permit under this part that has pelagic longline gear on board shall not maintain live baitfish in any tank or well on board the vessel and shall not possess live baitfish, and shall not set up or attach an aeration or water circulation device in or to any such tank or well. For the purposes of this section, the Gulf of Mexico includes all waters of the U.S. EEZ west and north of the boundary stipulated at 50 CFR 600.105(c).

(5) The operator of a vessel required to be permitted under this part and that has pelagic longline gear on board must undertake the following sea turtle bycatch mitigation measures:

(i) *Possession and use of required mitigation gear.* Required sea turtle bycatch mitigation gear, which NMFS has approved under paragraph (c)(5)(iv) of this section as meeting the minimum design standards specified in paragraphs (c)(5)(i)(A) through (c)(5)(i)(L) of this section, must be carried on board, and must be used to disengage any hooked or entangled sea turtles in accordance with the handling requirements specified in paragraph (c)(5)(ii) of this section.

(A) *Long-handled line clipper or cutter.* Line cutters are intended to cut high test monofilament line as close as possible to the hook, and assist in removing line from entangled sea turtles to minimize any remaining gear upon release. NMFS has established minimum design standards for the line cutters. The LaForce line cutter and the Arceneaux line clipper are models that

meet these minimum design standards, and may be purchased or fabricated from readily available and low-cost materials. One long-handled line clipper or cutter and a set of replacement blades are required to be onboard. The minimum design standards for line cutters are as follows:

(1) *A protected and secured cutting blade.* The cutting blade(s) must be capable of cutting 2.0–2.1 mm (0.078 in. – 0.083 in.) monofilament line (400-lb test) or polypropylene multistrand material, known as braided or tarred mainline, and must be maintained in working order. The cutting blade must be curved, recessed, contained in a holder, or otherwise designed to facilitate its safe use so that direct contact between the cutting surface and the sea turtle or the user is prevented. The cutting instrument must be securely attached to an extended reach handle and be easily replaceable. One extra set of replacement blades meeting these standards must also be carried on board to replace all cutting surfaces on the line cutter or clipper.

(2) *An extended reach handle.* The line cutter blade must be securely fastened to an extended reach handle or pole with a minimum length equal to, or greater than, 150 percent of the freeboard, or a minimum of 6 feet (1.83 m), whichever is greater. It is recommended, but not required, that the handle break down into sections. There is no restriction on the type of material used to construct this handle as long as it is sturdy and facilitates the secure attachment of the cutting blade.

(B) *Long-handled dehooker for ingested hooks.* A long-handled dehooking device is intended to remove ingested hooks from sea turtles that cannot be boated. It should also be used to engage a loose hook when a turtle is entangled but not hooked, and line is being removed. The design must shield the barb of the hook and prevent it from re-engaging during the removal process. One long-handled device to remove ingested hooks is required onboard. The minimum design standards are as follows:

(1) *Hook removal device.* The hook removal device must be constructed of 5/16-inch (7.94 mm) 316 L stainless steel and have a dehooking end no larger than 1 7/8-inches (4.76 cm) outside di-

ameter. The device must securely engage and control the leader while shielding the barb to prevent the hook from re-engaging during removal. It may not have any unprotected terminal points (including blunt ones), as these could cause injury to the esophagus during hook removal. The device must be of a size appropriate to secure the range of hook sizes and styles used in the pelagic longline fishery targeting swordfish and tuna.

(2) *Extended reach handle.* The dehooking end must be securely fastened to an extended reach handle or pole with a minimum length equal to or greater than 150 percent of the freeboard, or a minimum of 6 ft (1.83 m), whichever is greater. It is recommended, but not required, that the handle break down into sections. The handle must be sturdy and strong enough to facilitate the secure attachment of the hook removal device.

(C) *Long-handled dehooker for external hooks.* A long-handled dehooker is required for use on externally-hooked sea turtles that cannot be boated. The long-handled dehooker for ingested hooks described in paragraph (c)(5)(i)(B) of this section would meet this requirement. The minimum design standards are as follows:

(1) *Construction.* A long-handled dehooker must be constructed of 5/16-inch (7.94 mm) 316 L stainless steel rod. A 5-inch (12.7-cm) tube T-handle of 1-inch (2.54 cm) outside diameter is recommended, but not required. The design should be such that a fish hook can be rotated out, without pulling it out at an angle. The dehooking end must be blunt with all edges rounded. The device must be of a size appropriate to secure the range of hook sizes and styles used in the pelagic longline fishery targeting swordfish and tuna.

(2) *Extended reach handle.* The handle must be a minimum length equal to the freeboard of the vessel or 6 ft (1.83 m), whichever is greater.

(D) *Long-handled device to pull an “inverted V”.* This tool is used to pull a “V” in the fishing line when implementing the “inverted V” dehooking technique, as described in the document entitled “Careful Release Protocols for Sea Turtle Release With Minimal Injury,” required under paragraph

(a)(3) of this section, for disentangling and dehooking entangled sea turtles. One long-handled device to pull an “inverted V” is required onboard. If a 6-ft (1.83 m) J-style dehooker is used to comply with paragraph (c)(5)(i)(C) of this section, it will also satisfy this requirement. Minimum design standards are as follows:

(1) *Hook end.* This device, such as a standard boat hook or gaff, must be constructed of stainless steel or aluminum. A sharp point, such as on a gaff hook, is to be used only for holding the monofilament fishing line and should never contact the sea turtle.

(2) *Extended reach handle.* The handle must have a minimum length equal to the freeboard of the vessel, or 6 ft (1.83 m), whichever is greater. The handle must be sturdy and strong enough to facilitate the secure attachment of the gaff hook.

(E) *Dipnet.* One dipnet is required onboard. Dipnets are to be used to facilitate safe handling of sea turtles by allowing them to be brought onboard for fishing gear removal, without causing further injury to the animal. Turtles must not be brought onboard without the use of a dipnet. The minimum design standards for dipnets are as follows:

(1) *Size of dipnet.* The dipnet must have a sturdy net hoop of at least 31 inches (78.74 cm) inside diameter and a bag depth of at least 38 inches (96.52 cm) to accommodate turtles below 3 ft (0.914 m) carapace length. The bag mesh openings may not exceed 3 inches (7.62 cm) 3 inches (7.62 cm). There must be no sharp edges or burrs on the hoop, or where it is attached to the handle.

(2) *Extended reach handle.* The dipnet hoop must be securely fastened to an extended reach handle or pole with a minimum length equal to, or greater than, 150 percent of the freeboard, or at least 6 ft (1.83 m), whichever is greater. The handle must be made of a rigid material strong enough to facilitate the sturdy attachment of the net hoop and able to support a minimum of 100 lbs (34.1 kg) without breaking or significant bending or distortion. It is recommended, but not required, that the extended reach handle break down into sections.

(F) *Tire.* A minimum of one tire is required for supporting a turtle in an upright orientation while it is onboard, although an assortment of sizes is recommended to accommodate a range of turtle sizes. The required tire must be a standard passenger vehicle tire, and must be free of exposed steel belts.

(G) *Short-handled dehooker for ingested hooks.* One short-handled device for removing ingested hooks is required onboard. This dehooker is designed to remove ingested hooks from boated sea turtles. It can also be used on external hooks or hooks in the front of the mouth. Minimum design standards are as follows:

(1) *Hook removal device.* The hook removal device must be constructed of 1/4-inch (6.35 mm) 316 L stainless steel, and must allow the hook to be secured and the barb shielded without re-engaging during the removal process. It must be no larger than 1 5/16 inch (3.33 cm) outside diameter. It may not have any unprotected terminal points (including blunt ones), as this could cause injury to the esophagus during hook removal. A sliding PVC bite block must be used to protect the beak and facilitate hook removal if the turtle bites down on the dehooking device. The bite block should be constructed of a 3/4 -inch (1.91 cm) inside diameter high impact plastic cylinder (e.g., Schedule 80 PVC) that is 10 inches (25.4 cm) long to allow for 5 inches (12.7 cm) of slide along the shaft. The device must be of a size appropriate to secure the range of hook sizes and styles used in the pelagic longline fishery targeting swordfish and tuna.

(2) *Handle length.* The handle should be approximately 16 - 24 inches (40.64 cm - 60.69 cm) in length, with approximately a 5-inch (12.7 cm) long tube T-handle of approximately 1 inch (2.54 cm) in diameter.

(H) *Short-handled dehooker for external hooks.* One short-handled dehooker for external hooks is required onboard. The short-handled dehooker for ingested hooks required to comply with paragraph (c)(5)(i)(G) of this section will also satisfy this requirement. Minimum design standards are as follows:

(1) *Hook removal device.* The dehooker must be constructed of 5/16-inch (7.94

cm) 316 L stainless steel, and the design must be such that a hook can be rotated out without pulling it out at an angle. The dehooking end must be blunt, and all edges rounded. The device must be of a size appropriate to secure the range of hook sizes and styles used in the pelagic longline fishery targeting swordfish and tuna.

(2) *Handle length.* The handle should be approximately 16 - 24 inches (40.64 cm - 60.69 cm) long with approximately a 5-inch (12.7 cm) long tube T-handle of approximately 1 inch (2.54 cm) in diameter.

(I) *Long-nose or needle-nose pliers.* One pair of long-nose or needle-nose pliers is required on board. Required long-nose or needle-nose pliers can be used to remove deeply embedded hooks from the turtle's flesh that must be twisted during removal. They can also hold PVC splice couplings, when used as mouth openers, in place. Minimum design standards are as follows:

(1) *General.* They must be approximately 12 inches (30.48 cm) in length, and should be constructed of stainless steel material.

(2) [Reserved]

(J) *Bolt cutters.* One pair of bolt cutters is required on board. Required bolt cutters may be used to cut hooks to facilitate their removal. They should be used to cut off the eye or barb of a hook, so that it can safely be pushed through a sea turtle without causing further injury. They should also be used to cut off as much of the hook as possible, when the remainder of the hook cannot be removed. Minimum design standards are as follows:

(1) *General.* They must be approximately 17 inches (43.18 cm) in total length, with 4-inch (10.16 cm) long blades that are 2 1/4 inches (5.72 cm) wide, when closed, and with 13-inch (33.02 cm) long handles. Required bolt cutters must be able to cut hard metals, such as stainless or carbon steel hooks, up to 1/4-inch (6.35 mm) diameter.

(2) [Reserved]

(K) *Monofilament line cutters.* One pair of monofilament line cutters is required on board. Required monofilament line cutters must be used to remove fishing line as close to the eye of the hook as possible, if the

hook is swallowed or cannot be removed. Minimum design standards are as follows:

(1) *General.* Monofilament line cutters must be approximately 7 1/2 inches (19.05 cm) in length. The blades must be 1 in (4.45 cm) in length and 5/8 in (1.59 cm) wide, when closed, and are recommended to be coated with Teflon (a trademark owned by E.I. DuPont de Nemours and Company Corp.).

(2) [Reserved]

(L) *Mouth openers/mouth gags.* Required mouth openers and mouth gags are used to open sea turtle mouths, and to keep them open when removing ingested hooks from boated turtles. They must allow access to the hook or line without causing further injury to the turtle. Design standards are included in the item descriptions. At least two of the seven different types of mouth openers/gags described below are required:

(1) *A block of hard wood.* Placed in the corner of the jaw, a block of hard wood may be used to gag open a turtle's mouth. A smooth block of hard wood of a type that does not splinter (e.g. maple) with rounded edges should be sanded smooth, if necessary, and soaked in water to soften the wood. The dimensions should be approximately 11 inches (27.94 cm) 1 inch (2.54 cm) 1 inch (2.54 cm). A long-handled, wire shoe brush with a wooden handle, and with the wires removed, is an inexpensive, effective and practical mouth-opening device that meets these requirements.

(2) *A set of three canine mouth gags.* Canine mouth gags are highly recommended to hold a turtle's mouth open, because the gag locks into an open position to allow for hands-free operation after it is in place. A set of canine mouth gags must include one of each of the following sizes: small (5 inches)(12.7 cm), medium (6 inches)(15.24 cm), and large (7 inches)(17.78 cm). They must be constructed of stainless steel. A 1-inch (4.45 cm) piece of vinyl tubing (3/4-inch (1.91 cm) outside diameter and 5/8-inch (1.59 cm) inside diameter) must be placed over the ends to protect the turtle's beak.

(3) *A set of two sturdy dog chew bones.* Placed in the corner of a turtle's jaw, canine chew bones are used to gag open

a sea turtle's mouth. Required canine chews must be constructed of durable nylon, zylene resin, or thermoplastic polymer, and strong enough to withstand biting without splintering. To accommodate a variety of turtle beak sizes, a set must include one large (5 1/2 - 8 inches (13.97 cm - 20.32 cm) in length), and one small (3 1/2 - 4 1/2 inches (8.89 cm - 11.43 cm) in length) canine chew bones.

(4) *A set of two rope loops covered with hose.* A set of two rope loops covered with a piece of hose can be used as a mouth opener, and to keep a turtle's mouth open during hook and/or line removal. A required set consists of two 3-foot (0.91 m) lengths of poly braid rope (3/8-inch (9.52 mm) diameter suggested), each covered with an 8-inch (20.32 cm) section of 1/2 inch (1.27 cm) or 3/4 inch (1.91 cm) light-duty garden hose, and each tied into a loop. The upper loop of rope covered with hose is secured on the upper beak to give control with one hand, and the second piece of rope covered with hose is secured on the lower beak to give control with the user's foot.

(5) *A hank of rope.* Placed in the corner of a turtle's jaw, a hank of rope can be used to gag open a sea turtle's mouth. A 6-foot (1.83 m) lanyard of approximately 3/16-inch (4.76 mm) braided nylon rope may be folded to create a hank, or looped bundle, of rope. Any size soft-braided nylon rope is allowed, however it must create a hank of approximately 2 - 4 inches (5.08 cm - 10.16 cm) in thickness.

(6) *A set of four PVC splice couplings.* PVC splice couplings can be positioned inside a turtle's mouth to allow access to the back of the mouth for hook and line removal. They are to be held in place with the needle-nose pliers. To ensure proper fit and access, a required set must consist of the following Schedule 40 PVC splice coupling sizes: 1 inch (2.54 cm), 1 1/4 inch (3.18 cm), 1 1/2 inch (3.81 cm), and 2 inches (5.08 cm).

(7) *A large avian oral speculum.* A large avian oral speculum provides the ability to hold a turtle's mouth open and to control the head with one hand, while removing a hook with the other hand. The avian oral speculum must be 9-inches (22.86 cm) long, and constructed of 3/16-inch (4.76 mm) wire di-

ameter surgical stainless steel (Type 304). It must be covered with 8 inches (20.32 cm) of clear vinyl tubing (5/16-inch (7.9 mm) outside diameter, 3/16-inch (4.76 mm) inside diameter).

(ii) *Handling and release requirements.* (A) Sea turtle bycatch mitigation gear, as required by paragraphs (c)(5)(i)(A)-(D) of this section, must be used to disengage any hooked or entangled sea turtles that cannot be brought on board. Sea turtle bycatch mitigation gear, as required by paragraphs (c)(5)(i)(E)-(L) of this section, must be used to facilitate access, safe handling, disentanglement, and hook removal or hook cutting of sea turtles that can be brought on board, where feasible. Sea turtles must be handled, and bycatch mitigation gear must be used, in accordance with the careful release protocols and handling/release guidelines specified in paragraph (a)(3) of this section, and in accordance with the on-board handling and resuscitation requirements specified in § 223.206(d)(1) of this title.

(B) *Boated turtles.* When practicable, active and comatose sea turtles must be brought on board, with a minimum of injury, using a dipnet as required by paragraph (c)(5)(i)(E) of this section. All turtles less than 3 ft (.91 m) carapace length should be boated, if sea conditions permit.

(I) A boated turtle should be placed on a standard automobile tire, or cushioned surface, in an upright orientation to immobilize it and facilitate gear removal. Then, it should be determined if the hook can be removed without causing further injury. All externally embedded hooks should be removed, unless hook removal would result in further injury to the turtle. No attempt to remove a hook should be made if it has been swallowed and the insertion point is not visible, or if it is determined that removal would result in further injury. If a hook cannot be removed, as much line as possible should be removed from the turtle using monofilament cutters as required by paragraph (c)(5)(i) of this section, and the hook should be cut as close as possible to the insertion point before releasing the turtle, using boltcutters as required by paragraph (c)(5)(i) of this section. If a hook can be removed, an

effective technique may be to cut off either the barb, or the eye, of the hook using bolt cutters, and then to slide the hook out. When the hook is visible in the front of the mouth, a mouth-opener, as required by paragraph (c)(5)(i) of this section, may facilitate opening the turtle's mouth and a gag may facilitate keeping the mouth open. Short-handled dehookers for ingested hooks, long-nose pliers, or needle-nose pliers, as required by paragraph (c)(5)(i) of this section, should be used to remove visible hooks from the mouth that have not been swallowed on boated turtles, as appropriate. As much gear as possible must be removed from the turtle without causing further injury prior to its release. Refer to the careful release protocols and handling/release guidelines required in paragraph (a)(3) of this section, and the handling and resuscitation requirements specified in § 223.206(d)(1) of this title, for additional information.

(2) [Reserved]

(C) *Non-boated turtles.* If a sea turtle is too large, or hooked in a manner that precludes safe boating without causing further damage or injury to the turtle, sea turtle bycatch mitigation gear required by paragraphs (c)(5)(i)(A)–(D) of this section must be used to disentangle sea turtles from fishing gear and disengage any hooks, or to clip the line and remove as much line as possible from a hook that cannot be removed, prior to releasing the turtle, in accordance with the protocols specified in paragraph (a)(3) of this section.

(1) Non-boated turtles should be brought close to the boat and provided with time to calm down. Then, it must be determined whether or not the hook can be removed without causing further injury. All externally embedded hooks must be removed, unless hook removal would result in further injury to the turtle. No attempt should be made to remove a hook if it has been swallowed, or if it is determined that removal would result in further injury. If the hook cannot be removed and/or if the animal is entangled, as much line as possible must be removed prior to release, using a line cutter as required by paragraph (c)(5)(i) of this section. If the hook can be removed, it must be

removed using a long-handled dehooker as required by paragraph (c)(5)(i) of this section. Without causing further injury, as much gear as possible must be removed from the turtle prior to its release. Refer to the careful release protocols and handling/release guidelines required in paragraph (a)(3) of this section, and the handling and resuscitation requirements specified in § 223.206(d)(1) for additional information.

(2) [Reserved]

(iii) *Gear modifications.* The following measures are required of vessel operators to reduce the incidental capture and mortality of sea turtles:

(A) *Gangion length.* The length of any gangion on vessels that have pelagic longline gear on board and that have been issued, or are required to have, a limited access swordfish, shark, or tuna longline category permit for use in the Atlantic Ocean including the Caribbean Sea and the Gulf of Mexico must be at least 10 percent longer than any floatline length if the total length of any gangion plus the total length of any floatline is less than 100 meters.

(B) *Corrodible hooks.* Vessels that have pelagic longline gear on board and that have been issued, or are required to have, a limited access swordfish, shark, or tuna longline category permit for use in the Atlantic Ocean including the Caribbean Sea and the Gulf of Mexico must only have corrodible hooks on board.

(C) *Hook size, type, and bait.* Vessels fishing outside of the NED closed area, as defined at § 635.2, that have pelagic longline gear on board, and that have been issued, or are required to have, a limited access swordfish, shark, or tuna longline category permit for use in the Atlantic Ocean, including the Caribbean Sea and the Gulf of Mexico, are limited, at all times, to possessing on board and/or using only whole finfish and/or squid bait, and the following types and sizes of fishing hooks:

(1) 18/0 or larger circle hooks with an offset not to exceed 10°; and/or,

(2) 16/0 or larger non-offset circle hooks.

(i) For purposes of paragraphs (c)(5)(iii)(C)(1), and (c)(5)(iii)(C)(2) of this section, the outer diameter of an 18/0 circle hook at its widest point

must be no smaller than 2.16 inches (55 mm), and the outer diameter of a 16/0 circle hook at its widest point must be no smaller than 1.74 inches (44.3 mm), when measured with the eye of the hook on the vertical axis (y-axis) and perpendicular to the horizontal axis (x-axis). The distance between the hook point and the shank (*i.e.*, the gap) on an 18/0 circle hook must be no larger than 1.13 inches (28.8 mm), and the gap on a 16/0 circle hook must be no larger than 1.01 inches (25.8 mm). The allowable offset is measured from the barbed end of the hook, and is relative to the parallel plane of the eyed-end, or shank, of the hook when laid on its side. The only allowable offset circle hooks are those that are offset by the hook manufacturer.

(ii) [Reserved]

(iv) *Approval of sea turtle bycatch mitigation gear.* NMFS will file with the Office of the Federal Register for publication an initial list of required sea turtle bycatch mitigation gear that NMFS has approved as meeting the minimum design standards specified under paragraph (c)(5)(i) of this section. Other devices proposed for use as line clippers or cutters or dehookers, as specified under paragraphs (c)(5)(i)(A), (B), (C), (G), (H), and (K) of this section, must be approved as meeting the minimum design standards before being used. NMFS will examine new devices, as they become available, to determine if they meet the minimum design standards, and will file with the Office of the Federal Register for publication notification of any new devices that are approved as meeting the standards.

(d) *Bottom longlines.* For the purposes of this part, a vessel is considered to have bottom longline gear on board when a power-operated longline hauler, a mainline, weights and/or anchors capable of maintaining contact between the mainline and the ocean bottom, and leaders (gangions) with hooks are on board. Removal of any one of these elements constitutes removal of bottom longline gear. Bottom longline vessels may have a limited number of floats and/or high flyers onboard for the purposes of marking the location of the gear but removal of these floats does not constitute removal of bottom longline gear. If a vessel issued a per-

mit under this part is in a closed area designated under paragraph (d)(1) of this section with bottom longline gear on board, it is a rebuttable presumption that any fish on board such a vessel were taken with bottom longline in the closed area.

(1) If bottom longline gear is onboard a vessel issued a permit under this part, persons aboard that vessel may not fish or deploy any type of fishing gear in the following areas:

(i) The mid-Atlantic shark closed areas from January 1 through July 31 each calendar year, except that in 2007 the mid-Atlantic shark closed area will be closed from January 1 through June 30 and may open in July, contingent upon available quota; and

(ii) The areas designated at § 622.33(a) of this title, year-round.

(2) When a marine mammal, sea turtle, or smalltooth sawfish is hooked or entangled by bottom longline gear, the operator of the vessel must immediately release the animal, retrieve the bottom longline gear, and move at least 1 nmi (2 km) from the location of the incident before resuming fishing. Reports of marine mammal entanglements must be submitted to NMFS consistent with regulations in § 229.6 of this title.

(3) The operator of a vessel required to be permitted under this part and that has bottom longline gear on board must undertake the following bycatch mitigation measures to release sea turtles, prohibited sharks, or smalltooth sawfish, as appropriate.

(i) *Possession and use of required mitigation gear.* The equipment listed in paragraph (c)(5)(i) of this section must be carried on board and must be used to handle, release, and disentangle hooked or entangled sea turtles, prohibited sharks, or smalltooth sawfish in accordance with requirements specified in paragraph (d)(3)(ii) of this section.

(ii) *Handling and release requirements.* Sea turtle bycatch mitigation gear, as required by paragraph (d)(3)(i) of this section, must be used to disengage any hooked or entangled sea turtles as stated in paragraph (c)(5)(ii) of this section. This mitigation gear should also be employed to disengage any

hooked or entangled species of prohibited sharks as listed in Category (D) of table 1 of appendix A of this part. If a smalltooth sawfish is caught, the fish should be kept in the water while maintaining water flow over the gills and examined for research tags and the line should be cut as close to the hook as possible. Dehooking devices should not be used to release smalltooth sawfish.

(iii) Corrodible hooks. Vessels that have bottom longline gear on board and that have been issued, or required to have, a limited access shark permit for use in the Atlantic Ocean, including the Caribbean Sea and the Gulf of Mexico, must only have corrodible hooks on board.

(4) If a vessel issued or required to be issued a permit under this part is in a closed area designated under paragraph (d)(1) of this section and has pelagic longline gear onboard, the vessel may not, at any time, possess or land any demersal species listed in table 3 of appendix A to this part in excess of 5 percent, by weight, of the total weight of pelagic and demersal species possessed or landed, that are listed in tables 2 and 3 of appendix A to this part.

(e) *Authorized gear*—(1) *Atlantic tunas*. A person that fishes for, retains, or possesses an Atlantic bluefin tuna may not have on board a vessel or use on board a vessel any primary gear other than those authorized for the category for which the Atlantic tunas or HMS permit has been issued for such vessel. Primary gears are the gears specifically authorized in this section. When fishing for Atlantic tunas other than BFT, primary gear authorized for any Atlantic Tunas permit category may be used, except that purse seine gear may be used only on board vessels permitted in the Purse Seine category and pelagic longline gear may be used only on board vessels issued an Atlantic Tunas Longline category tuna permit, a LAP other than handgear for swordfish, and a LAP for sharks.

(i) *Angling*. Speargun (for BAYS tunas only), and rod and reel (including downriggers) and handline (for all tunas).

(ii) *Charter/Headboat*. Speargun (for recreational BAYS tuna fishery only), and rod and reel (including

downriggers), bandit gear, and handline (for all tunas).

(iii) *General*. Rod and reel (including downriggers), handline, harpoon, and bandit gear.

(iv) *Harpoon*. Harpoon.

(v) *Longline*. Longline.

(vi) *Purse Seine*. Purse seine.

(A) *Mesh size*. A purse seine used in directed fishing for BFT must have a mesh size equal to or smaller than 4.5 inches (11.4 cm) in the main body (stretched when wet) and must have at least 24-count thread throughout the net.

(B) *Inspection of purse seine vessels*. Persons that own or operate a purse seine vessel conducting a directed fishery for Atlantic tunas must have their fishing gear inspected for mesh size by an enforcement agent of NMFS prior to commencing fishing for the season in any fishery that may result in the harvest of Atlantic tunas. Such persons must request such inspection at least 24 hours before commencement of the first fishing trip of the season. If NMFS does not inspect the vessel within 24 hours of such notification, the inspection requirement is waived. In addition, at least 24 hours before commencement of offloading any BFT after a fishing trip, such persons must request an inspection of the vessel and catch by notifying NMFS. If, after notification by the vessel, NMFS does not arrange to inspect the vessel and catch at offloading, the inspection requirement is waived.

(vii) *Trap*. Pound net and fish weir.

(2) *Billfish*. (i) Only persons who have been issued a valid HMS Angling or valid Charter/Headboat permit, or who have been issued a valid Atlantic Tunas General category permit and are participating in a tournament as provided in § 635.4(c) of this part, may possess a blue marlin or white marlin in, or take a blue marlin or a white marlin from, its management unit. Blue marlin or white marlin may only be harvested by rod and reel.

(ii) Only persons who have been issued a valid HMS Angling or valid Charter/Headboat permit, or who have been issued a valid Atlantic Tunas General category permit and are participating in a tournament as provided in § 635.4(c) of this part, may possess or

take a sailfish shoreward of the outer boundary of the Atlantic EEZ. Sailfish may only be harvested by rod and reel.

(iii) After December 31, 2006, persons who have been issued or are required to be issued a permit under this part and who are participating in a “tournament”, as defined in §635.2, that bestows points, prizes, or awards for Atlantic billfish must deploy only non-offset circle hooks when using natural bait or natural bait/artificial lure combinations, and may not deploy a J-hook or an offset circle hook in combination with natural bait or a natural bait/artificial lure combination.

(3) *Sharks.* (i) No person may possess a shark in the EEZ taken from its management unit without a permit issued under §635.4. No person issued a shark LAP under §635.4 may possess a shark by any gear other than rod and reel, handline, bandit gear, longline, or gillnet. No person issued an HMS Angling permit or an HMS Charter/headboat permit under §635.4 may possess a shark in the EEZ if the shark was taken from its management unit by any gear other than rod and reel or handline, except that persons on a vessel issued both an HMS Charter/headboat permit and a shark LAP may possess sharks taken with rod and reel, handline, bandit gear, longline, or gillnet if the vessel is not engaged in a for-hire fishing trip.

(ii) No person may fish for sharks with a gillnet with a total length of 2.5 km or more. No person may have on board a vessel a gillnet with a total length of 2.5 km or more.

(iii) Provisions on gear deployment for the southeast U.S. shark gillnet fishery to implement the Atlantic Large Whale Take Reduction Plan are set forth in §229.32(f) of this title.

(iv) While fishing for Atlantic sharks with a gillnet, the gillnet must remain attached to at least one vessel at one end, except during net checks.

(v) Both the observer and vessel operator are responsible for sighting whales. If a listed whale is taken, the vessel operator must cease fishing operations immediately and contact NOAA Fisheries as required in §635.5(a)(5).

(vi) Vessel operators are required to conduct net checks every 0.5 to 2 hours

to look for and remove any sea turtles, marine mammals, or smalltooth sawfish. Smalltooth sawfish should not be removed from the water while being removed from the net.

(4) *Swordfish.* (i) No person may possess north Atlantic swordfish taken from its management unit by any gear other than handgear or longline, except that such swordfish taken incidentally while fishing with a squid trawl may be retained, subject to restrictions specified in §635.24(b)(2). No person may possess south Atlantic swordfish taken from its management unit by any gear other than longline.

(ii) An Atlantic swordfish may not be retained or possessed on board a vessel with a gillnet. A swordfish will be deemed to have been harvested by gillnet when it is onboard, or offloaded from a vessel using or having on board a gillnet.

(iii) A person aboard a vessel issued or required to be issued a valid directed handgear LAP for Atlantic swordfish may not fish for swordfish with any gear other than handgear. A swordfish will be deemed to have been harvested by longline when the fish is on board or offloaded from a vessel using or having on board longline gear. Vessels that have been issued or that are required to have been issued a valid directed or handgear swordfish LAP under this part and that are utilizing buoy gear may not possess or deploy more than 35 floatation devices, and may not deploy more than 35 individual buoys gears per vessel. Buoy gear must be constructed and deployed so that the hooks and/or gangions are attached to the vertical portion of the mainline. Floatation devices may be attached to one but not both ends of the mainline, and no hooks or gangions may be attached to any floatation device or horizontal portion of the mainline. If more than one floatation device is attached to a buoy gear, no hook or gangion may be attached to the mainline between them. Individual buoy gears may not be linked, clipped, or connected together in any way. Buoy gears must be released and retrieved by hand. All deployed buoy gear must have some type of monitoring equipment affixed to it

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including, but not limited to, radar reflectors, beeper devices, lights, or reflective tape. If only reflective tape is affixed, the vessel deploying the buoy gear must possess an operable spotlight capable of illuminating deployed floatation devices. If a gear monitoring device is positively buoyant and rigged to be attached to a fishing gear, it is included in the 35 floatation device vessel limit and must be marked appropriately.

(iv) Except for persons aboard a vessel that has been issued a limited access North Atlantic swordfish permit under § 635.4, no person may fish for North Atlantic swordfish with, or possess a North Atlantic swordfish taken by, any gear other than handline or rod and reel.

(f) *Speargun fishing gear.* Speargun fishing gear may only be utilized when recreational fishing for Atlantic BAYS tunas and only from vessels issued either a valid HMS Angling or valid HMS Charter/Headboat permit. Persons fishing for Atlantic BAYS tunas using speargun gear, as specified in paragraph (e)(1) of this section, must be physically in the water when the speargun is fired or discharged, and may freedive, use SCUBA, or other underwater breathing devices. Only free-swimming BAYS tunas, not those restricted by fishing lines or other means, may be taken by speargun fishing gear. “Powerheads”, as defined at § 600.10 of this chapter, or any other explosive devices, may not be used to harvest or fish for BAYS tunas with speargun fishing gear.

[64 FR 29135, May 28, 1999, as amended at 64 FR 37704, July 13, 1999; 65 FR 47238, Aug. 1, 2000; 66 FR 8904, Feb. 5, 2001; 66 FR 17372, Mar. 30, 2001; 67 FR 45400, July 9, 2002; 67 FR 47469, July 19, 2002; 68 FR 714, Jan. 7, 2003; 68 FR 74785, Dec. 24, 2003; 69 FR 40754, 40755, July 6, 2004; 69 FR 47797, 47798, Aug. 6, 2004; 71 FR 58163, 58167, Oct. 2, 2006; 72 FR 5641, Feb. 7, 2007]

EFFECTIVE DATE NOTE: At 72 FR 26741, May 11, 2007, § 635.21 paragraph (e)(2)(iii) was suspended, effective May 11, 2007, through December 31, 2007, and is revised effective Jan. 1, 2008. For the convenience of the user, the revised text is set forth as follows:

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§ 635.21 Gear operation and deployment restrictions.

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(iii) After December 31, 2007, persons who have been issued or are required to be issued a permit under this part and who are participating in a “tournament”, as defined in § 635.2, that bestows points, prizes, or awards for Atlantic billfish must deploy only non-offset circle hooks when using natural bait or natural bait/artificial lure combinations, and may not deploy a J-hook or an offset circle hook in combination with natural bait or a natural bait/artificial lure combination.

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§ 635.22 Recreational retention limits.

(a) *General.* Atlantic HMS caught, possessed, retained, or landed under these recreational limits may not be sold or transferred to any person for a commercial purpose. Recreational retention limits apply to a longbill spearfish taken or possessed shoreward of the outer boundary of the Atlantic EEZ, to a shark taken from or possessed in the Atlantic EEZ, to a North Atlantic swordfish taken from or possessed in the Atlantic Ocean, and to bluefin and yellowfin tuna taken from or possessed in the Atlantic Ocean. The operator of a vessel for which a retention limit applies is responsible for the vessel retention limit and for the cumulative retention limit based on the number of persons aboard. Federal recreational retention limits may not be combined with any recreational retention limit applicable in state waters.

(b) *Billfish.* No longbill spearfish from the management unit may be taken, retained, or possessed shoreward of the outer boundary of the EEZ.

(c) *Sharks.* One shark from either the large coastal, small coastal, or pelagic group may be retained per vessel per trip, subject to the size limits described in § 635.20(e). In addition, one Atlantic sharpnose shark and one bonnethead shark may be retained per person per trip. Regardless of the length of a trip, no more than one Atlantic sharpnose shark and one bonnethead shark per person may be possessed on board a vessel. No prohibited sharks, including parts or pieces of